## **Index to RTCA Documents**

Listing of Available Documents	1
DO-283, Minimum Operational Performance Standards for Required Navigation Performance	
for Area Navigation	1
DO-282, Minimum Operational Standards for Universal Access Transceiver (UAT) Automatic	
Dependent Surveillance - Broadcast	1
DO-281, Minimum Operational Performance Standards for Aircraft VDL Mode 2	
Physical, Link and Network	2
DO-280, Interoperability Requirements Standard for ATN Baseline 1 (INTEROP ATN B1)	2
DO-279, Next Generation Air/Ground Communications (NEXCOM) Principles of Operation	
VDL Mode 3	3
DO-278, Guidelines for Communication, Navigation, Surveillance, and Air Traffic Management	
(CNS/ATM) Systems Software Integrity Assurance	3
DO-277, Minimum Aviation System Performance Standards (MASPS) for the High Frequency	
Data Link Operating in the Aeronautical Mobile (Route) Service (AM(R)S)	3
DO-276, User Requirement for Terrain and Obstacle Data	4
DO-275, Minimum Operational Performance Standards for Integrated Night Vision Imaging System	1
Equipment	4
DO-274, Next Generation Air/Ground Communications (NEXCOM) Principles of Operation	5
DO-273, Response to the Report of the RTCA Chairman's Committee on NEXCOM	5
DO-272, User Requirements for Aerodrome Mapping Information	5
DO-271A, Minimum Operational Performance Standards (MOPS) for Aircraft VDL Mode 3	
Transceiver Operating in the Frequency Range 117.975-137.000 MHz	6
DO-270, Minimum Aviation System Performance Standards (MASPS) for the Aeronautical Mobile-	
Satellite (R) Service (AMS(R)S) as Used in Aeronautical Data Links	6
DO-269, Concepts For Services Integrating Flight Operations and Air Traffic Management	
Using Addressed Data Link	7
DO-268, Concept of Operations, Night Vision Imaging System for Civil Operators	7
DO-267, Minimum Aviation System Performance Standards (MASPS) for Flight Information Service	9_
Broadcast (FIS-B) Data Link	7
DO-266, Government and Industry Guidelines and Concepts for NAS Analysis and Redesign	8
DO-265, Minimum Operational Performance Standards for Aeronautical Mobile High Frequency	^
Data Link (HFDL)	8
DO-264, Guidelines for Approval of the Provision and Use of Air Traffic Services Supported	^
by Data Communications	9
DO-263, Application of Airborne Conflict Management: Detection, Prevention, & Resolution	9
DO-262, Minimum Operational Performance Standards for Avionics Supporting Next Generation	^
Satellite Systems (NGSS)	9
Change 1 to DO-262	10
DO-261, NAVSTAR GPS L5 Signal Specification	10
DO-260, Minimum Operational Performance Standards for 1090 MHz Automatic Dependent	40
Surveillance – Broadcast (ADS-B)	10
DO-259, Applications Descriptions for Initial Cockpit Display of Traffic Information	1′
(CDTI) ApplicationsDO-258, Interoperability Requirements for ATS Applications Using ARINC 622	I
Do-256, Interoperability Requirements for ATS Applications using ARING 622  Data Communications	11
DO-257, Minimum Operational Performance Standards for the Depiction of Navigation	ı
Information on Electronic Maps	12
HIIOHHUUOH OH LIGUUUIIU WUDS	14

DO-256, Minimum Human Factors Standards for Air Traffic Services Provided Via Data	
Communications Utilizing the ATN, Builds I and IA	12
DO-255, Requirements Specification for Avionics Computer Resource (ACR)	12
DO-254, Design Assurance Guidance for Airborne Electronic Hardware	13
DO-253A, Minimum Operational Performance Standards for GPS Local Area Augmentation Systen	n
Airborne Equipment	13
DO-252, Minimum Interoperability Standards (MIS) for Automated Meteorological Transmission	
(AUTOMET)	13
DO-251, U.S. National Airspace Systems (NAS) Plan for Air Traffic Services Data Link (Phase 1,	. •
En Route CONUS Implementation)	14
DO-250, Guiding Principles for Air Traffic Services Provided via Data Communications Utilizing	
the ATN,Builds I and IA	14
DO-249, Development and Implementation Planning Guide for Automatic Dependent Surveillance	
Broadcast (ADS-B) Applications	14
DO-248B, Final Annual Report For Clarification Of DO-178B "Software Considerations In	17
Airborne Systems And Equipment Certification"	15
DO-247, The Role of the Global Navigation Satellite System (GNSS) in Supporting Airport Surface	10
DO-247, The Note of the Global Navigation Satellite System (GNSS) in Supporting Aliport Sunace	15
Operations	10
DO-246B, GNSS Based Precision Approach Local Area Augmentation System (LAAS) –	16
Signal-in-Space Interface Control Document (ICD)	16
DO-245, Minimum Aviation System Performance Standards for Local Area	40
Augmentation System (LAAS)	16
DO-244, Government/Industry Guidelines and Concept for National Airspace	40
Analysis and Redesign	16
DO-243, Guidance for Initial Implementation of Cockpit Display of Traffic Information	17
DO-242A, Minimum Aviation System Performance Standards for Automatic Dependent Surveillanc	
Broadcast (ADS-B)	17
DO-241, Operational Concepts and Information Elements Required to Improve Air Traffic	
Management (ATM) Aeronautical Operational Control (AOC) Ground-Ground Information	4.0
Exchange to Facilitate Collaborative Decision Making	18
DO-240, Minimum Operational Performance Standards for Aeronautical Telecommunication	
Network (ATN) Avionics	18
DO-239, Minimum Operational Performance Standards for Traffic Information Service (TIS)	
Data Link Communications	18
DO-238, Human Engineering Guidance for Data Link Systems	19
DO-237, Aeronautical Spectrum Planning for 1997- 2010	19
DO-236A, Minimum Aviation System Performance Standards: Required Navigation	
Performance for Area Navigation	20
DO-235A, Assessment of Radio Frequency Interference Relevant to the GNSS	20
DO-234, Minimum Performance and Installation Standards for Runway Guard Lights (RGLs)	20
DO-233, Portable Electronic Devices Carried on Board Aircraft	21
DO-232, Operations Concepts for Data Link Applications of Flight Information Services	21
DO-231, Design Guidelines and Recommended Standards for the Implementation and Use of	
AMS(R)S Voice Services in a Data Link Environment	22
DO-230, Standards for Airport Security Access Control Systems	22
DO-229C, Minimum Operational Performance Standards for Global Positioning System/Wide Area	
Augmentation System Airborne Equipment	22
DO-228, Minimum Operational Performance Standards for Global Navigation Satellite Systems	
(GNSS) Airborne Antenna Equipment	23
Change 1 to DO-228	23
DO-227, Minimum Operational Performance Standards for Lithium Batteries	24

DO-226, Guidance Material for Evolving Airborne Precision Area Navigation Equipment with	
Emphasis on MLS	24
DO-225, VHF Air-Ground Communications System Improvements Alternatives Study and Select	ion of
Proposals for Future Action	25
DO-224A, Signal-in-Space Minimum Aviation System Performance Standards (MASPS) for	
Advanced VHF Digital Data Communications Including Compatibility with Digital	
Voice Techniques	25
Change 1 to DO-224A	25
Change 2 to DO-224A	26
DO-223, Minimum Operational Performance Standards for Context Management	
(CM) Equipment	26
DO-222, Guidelines on AMS(R)S Near-Term Voice Implementation and Utilization	26
DO-221, Guidance and Recommended Requirements for Airport Surface Movement Sensors	27
DO-220, Minimum Operational Performance Standards (MOPS) for Airborne Weather	
Radar with Forward-Looking Windshear Detection Capability	27
Change 1 to DO-220	28
DO-219, Minimum Operational Performance Standards for ATC Two-Way	
Data Link Communications	28
DO-218B, Minimum Operational Performance Standards for the Mode S	20
Airborne Data Link Processor	28
DO-217, Minimum Aviation System Performance Standards DGNSS Instrument Approach	20
	29
System: Special Category 1 (SCAT-1) Revised to Include Change 1	29
Change 1 to DO-217Change 2 to DO-217	30
DO-216, Minimum General Specification for Ground-Based Electronic Equipment	30
·	30
DO-215A, Guidance on Aeronautical Mobile Satellite Service (AMSS) End-to-End	30
System Performance	31
Change 1 to DO-215A	31
DO-214, Audio Systems Characteristics and Minimum Operational Performance Standards	31
for Aircraft Audio Systems and Equipment	
DO-213, Minimum Operational Performance Standards for Nose-Mounted Radomes	31
Change 1 to DO-213	32
DO-212, Minimum Operational Performance Standards for Airborne Automatic Dependent	20
Surveillance (ADS) Equipment	32
DO-211, User Requirements for Future Airport and Terminal Area Communications, Navigation,	
Surveillance	32
DO-210D, Minimum Operational Performance Standards (MOPS) for Geosynchronous	22
Orbit Aeronautical Mobile Satellite Services (AMSS) Avionics	33
Change 1 to DO-210D	33
Change 2 to DO-210D	34
DO-209, Minimum Operational Performance Standards for Devices that Prevent Blocked	0.4
Channels Used in Two-Way Radio Communications Due to Simultaneous Transmissions	34
DO-208, Minimum Operational Performance Standards for Airborne Supplemental Navigation	
Equipment Using Global Positioning System (GPS)	34
Change 1 to DO-208	. 35
DO-207, Minimum Operational Performance Standards for Devices that Prevent Blocked Channel	
Used in Two-Way Radio Communications Due to Unintentional Transmissions	. 35
DO-206, Minimum Aviation System Performance Standards for Radiodetermination Satellite Ser	
(RDSS)	36
DO-204, Minimum Operational Performance Standards for 406 MHz Emergency Locator	
Transmitters (ELT)	36

DO-175, Minimum Operational Performance Standards for Ground-Based Automated Weather Observation Equipment DO-174, Minimum Operational Performance Standards for Optional Equipment which Displays N Derived Data on Weather and Ground Mapping Radar Indicators DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground Mapping Pulsed Radars. DO-177, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support. DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-160, Microwave Landing System (MLS) Implementation. DO-161, Minimum Performance Standards-Airborne Omega Receiving Equipment DO-163, Minimum Performance Standards-Airborne Omega Receiving Equipment DO-163, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-1612, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond DO-1610, Environmental Conditions and Test Procedures for Airborne Equipment DO-1610, Denvironmental Conditions and Test Procedures for Airborne Equipment DO-1614, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-155, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-156, Minimum Performance Standards-Airborne Radio Homing and Alerting Equipment Ob-158, Minimum Performance Standards-Airborne Radio Homing and Alerting Equipment Used in Airborne Volumetric Navigational Systems DO-154, Recommended Basic Characteristics For Airborne Radio Homing and Alerting Equipment Ob-158, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-158, Minimum Performance Standards-Airborne Radio Marke	DO-176, FM Broadcast Interference Related to Airborne ILS, VOR and VHF Communicatio	ns.
DO-174, Minimum Operational Performance Standards for Optional Equipment which Displays Noerived Data on Weather and Ground Mapping Radar Indicators  DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground Mapping Pulsed Radars  DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters  DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support  DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization  DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization  DO-161, Microwave Landing System (MLS) Implementation  DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000  DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000  DO-164, Minimum Performance Standards-Airborne Omega Receiving Equipment  DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond  DO-161, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment  DO-161, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment  DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment  DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment  DO-155, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment  DO-155, Minimum Performance Standards-Airborne Badio Homing and Alerting Equipment of Use with Emergency Locator Transmitters (ELTs)  DO-154, Ninimum Performance Standards-Airborne Radio Homing and Alerting Equipment of Use with Emergency Locator Transmitters (ELTs)  DO-154, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Do-144, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems  DO-148, A New Guidance System for Approach and Landing  DO-149, Minimu	DO-175, Minimum Operational Performance Standards for Ground-Based Automated	
Derived Data on Weather and Ground Mapping Radar Indicators.  DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground Mapping Pulsed Radars.  DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters	Weather Observation Equipment	
DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground Mapping Pulsed Radars DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-166, Microwave Landing System (MLS) Implementation DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-1663, Minimum Performance Standards-Airborne Omega Receiving Equipment DO-1613, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond. DO-161A, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment DO-158, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-158, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-159, Minimum Operational Characteristics of Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs) DO-151, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-152, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment DO-148, N Awe Guidance System for Approach and Landing DO-149, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment DO-149, Minimum Operational Characteristics-Airborne Radio Marker Rece	DO-174, Minimum Operational Performance Standards for Optional Equipment which Displ	ays N
DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground Mapping Pulsed Radars DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization DO-166, Microwave Landing System (MLS) Implementation DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-1663, Minimum Performance Standards-Airborne Omega Receiving Equipment DO-1613, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond. DO-161A, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment DO-158, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-158, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-159, Minimum Operational Characteristics of Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs) DO-151, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-152, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment DO-148, N Awe Guidance System for Approach and Landing DO-149, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment DO-149, Minimum Operational Characteristics-Airborne Radio Marker Rece	Derived Data on Weather and Ground Mapping Radar Indicators	
DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and Beacon Systems for Helicopters. DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support. DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization	DO-173, Minimum Operational Performance Standards for Airborne Weather and Ground	
Beacon Systems for Helicopters.  DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support.  DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization.  DO-161, Airborne Electronics and Electrical Equipment Reliability.  DO-165, Microwave Landing System (MLS) Implementation.  DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000.  DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000.  DO-163, Minimum Performance Standards-Airborne Omega Receiving Equipment.  DO-163, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz.  DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond.  DO-164, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment.  DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment.  DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment.  DO-150, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment.  DO-151, Minimum Performance Standards-Airborne Low-Range Radar Altimeters.  DO-152, Minimum Performance Standards-Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs).  DO-153, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems.  DO-144, A New Guidance System for Approach and Landing.  DO-145, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz.  DO-136, Universal Air-Ground Digital Communication System Standards.  DO-136, Universal Air-Ground Digital Communication System Standards.  DO-136, Universal Air-Ground Digital Communication System Standards.  DO-147, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of	Mapping Pulsed Radars	
DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test Equipm Acquisition and Support.  DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization	DO-172, Minimum Operational Performance Standards for Airborne Radar Approach and	
Acquisition and Support.  DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization  DO-167, Airborne Electronics and Electrical Equipment Reliability  DO-166, Microwave Landing System (MLS) Implementation  DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000  DO-163, Minimum Performance Standards-Airborne Omega Receiving Equipment  DO-163, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz  DO-162, Report on Air-Ground Communications-Operational Considerations  for 1980 and Beyond  DO-1614, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment  DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment  Change 1 to DO-160D  Change 3 to DO-160D  Change 3 to DO-160D  Change 3 to DO-160D  DO-158, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment  DO-159, Minimum Performance Standards-Airborne Low-Range Radar Altimeters  DO-151, Recommended Basic Characteristics for Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs)  DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems  DO-143, Ninimum Operational Characteristics-Airborne ATC Transponder Systems  DO-143, Minimum Operational Characteristics-Airborne ATC Transponder Systems  DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz  DO-136, Universal Air-Ground Digital Communication System Standards  DO-147, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles  DO-177, Standard Procedures for Signal Generators used in the Testing of VOR and ILS Receivers  DO-56, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers	Beacon Systems for Helicopters	
DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization	DO-171, Recommendations on Policies and Procedures for Off-the-Shelf Electronic Test E	quipm
DO-167, Airborne Electronics and Electrical Equipment Reliability DO-166, Microwave Landing System (MLS) Implementation DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980-2000 DO-163, Minimum Performance Standards-Airborne Omega Receiving Equipment DO-163, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond DO-1614, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment DO-1640, Environmental Conditions and Test Procedures for Airborne Equipment DO-160D Change 1 to DO-160D Change 2 to DO-160D DO-155, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-155, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-155, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-152, Minimum Operational Characteristics for Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs) DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-144, Minimum Operational Characteristics-Airborne ATC Transponder Systems DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz DO-136, Universal Air-Ground Digital Communication System Standards DO-137, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles DO-177, Standard Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets DO-56, VOR Test Signals DO-56, VOR Test Signals		
DO-166, Microwave Landing System (MLS) Implementation	DO-169, VHF Air-Ground Communication Technology and Spectrum Utilization	
DO-165, Initial Report on Civil Áviation Frequency Spectrum Requirements-1980- 2000		
DO-164A, Minimum Performance Standards-Airborne Omega Receiving Equipment		
DO-163, Minimum Performance Standards-Airborne HF Radio Communications Transmitting and Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond. DO-161A, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment Change 1 to DO-160D Change 2 to DO-160D Change 3 to DO-160D DO-158, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-155, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-154, Recommended Basic Characteristics for Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs) DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-148, A New Guidance System for Approach and Landing DO-148, Minimum Operational Characteristics-Airborne ATC Transponder Systems DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz DO-136, Universal Air-Ground Digital Communication System Standards DO-127, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles DO-180, Altimetry	DO-165, Initial Report on Civil Aviation Frequency Spectrum Requirements-1980- 2000	
Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond		
DO-162, Report on Air-Ground Communications-Operational Considerations for 1980 and Beyond		
for 1980 and Beyond	Receiving Equipment Operating within the Radio-Frequency Range of 1.5 to 30 Megahertz	<u> </u>
DO-161A, Minimum Performance Standards-Airborne Ground Proximity Warning Equipment DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment Change 1 to DO-160D	DO-162, Report on Air-Ground Communications-Operational Considerations	
DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment	for 1980 and Beyond	
Change 1 to DO-160D		
Change 2 to DO-160D	DO-160D, Environmental Conditions and Test Procedures for Airborne Equipment	
Change 3 to DO-160D		
DO-158, Minimum Performance Standards-Airborne Doppler Radar Navigation Equipment DO-155, Minimum Performance Standards-Airborne Low-Range Radar Altimeters		
DO-155, Minimum Performance Standards-Airborne Low-Range Radar Altimeters DO-154, Recommended Basic Characteristics for Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs) DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems DO-148, A New Guidance System for Approach and Landing DO-144, Minimum Operational Characteristics-Airborne ATC Transponder Systems DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz DO-136, Universal Air-Ground Digital Communication System Standards DO-127, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles DO-117, Standard Adjustment Criteria for Airborne Localizer and Glide Slope Receivers DO-88, Altimetry DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets. DO-56, VOR Test Signals DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers.		
DO-154, Recommended Basic Characteristics for Airborne Radio Homing and Alerting Equipment for Use with Emergency Locator Transmitters (ELTs)  DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems  DO-148, A New Guidance System for Approach and Landing  DO-144, Minimum Operational Characteristics-Airborne ATC Transponder Systems  DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment  Operating on 75 MHz  DO-136, Universal Air-Ground Digital Communication System Standards  DO-127, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles  DO-117, Standard Adjustment Criteria for Airborne Localizer and Glide Slope Receivers  DO-88, Altimetry  DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets  DO-56, VOR Test Signals  DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
for Use with Emergency Locator Transmitters (ELTs)  DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems  DO-148, A New Guidance System for Approach and Landing  DO-144, Minimum Operational Characteristics-Airborne ATC Transponder Systems  DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment  Operating on 75 MHz  DO-136, Universal Air-Ground Digital Communication System Standards  DO-127, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles  DO-117, Standard Adjustment Criteria for Airborne Localizer and Glide Slope Receivers  DO-88, Altimetry  DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets  DO-56, VOR Test Signals  DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
DO-152, Minimum Operational Characteristics-Vertical Guidance Equipment Used in Airborne Volumetric Navigational Systems	· · · · · · · · · · · · · · · · · · ·	•
Volumetric Navigational Systems		
DO-148, A New Guidance System for Approach and Landing		
DO-144, Minimum Operational Characteristics-Airborne ATC Transponder Systems		
DO-143, Minimum Performance Standards-Airborne Radio Marker Receiving Equipment Operating on 75 MHz		
Operating on 75 MHz	· · · · · · · · · · · · · · · · · · ·	
DO-136, Universal Air-Ground Digital Communication System Standards		
DO-127, Standard Procedure for the Measurement of the Radio-Frequency Radiation from Aviat Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles		
Radio Receivers Operating within the Radio-Frequency Range of 30-890 Megacycles	•	
DO-117, Standard Adjustment Criteria for Airborne Localizer and Glide Slope Receivers  DO-88, Altimetry  DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets  DO-56, VOR Test Signals  DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
DO-88, Altimetry DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets DO-56, VOR Test Signals DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
DO-62, Calibration Procedures-Test Standard Omni-Bearing Selectors and Omni-Bearing Selector Test Sets		
Selector Test SetsDO-56, VOR Test SignalsDO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers	DO-88, Altimetry	
DO-56, VOR Test Signals DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
DO-52, Calibration Procedures for Signal Generators used in the Testing of VOR and ILS Receivers		
and ILS Receivers		
	Future Flight Data Collection Committee Final Report	

Nationa	al Airspace System Concept of Operations and Vision for the Future of Aviation	61
Recom	mendations Regarding the Concept of Equipage and Mandated versus	
	ary Considerations	62
	al Airspace System Concept of Operations	62
	al Airspace System Concept of Operations, Addendum 4: Free Flight Phase 2	63
	nment/Industry Operational Concept for the Evolution of Free Flight, Edition 2	63
	nment/Industry Operational Concept for the Evolution of Free Flight, Addendum 3.1: Road	
	lance Modernization	64
	nment/Industry Operational Concept for the Evolution of Free Flight,	٠.
	dum 3: Surveillance	64
	nment/Industry Operational Concept for the Evolution of Free Flight	01
	dum 2: Candidate Recommendations on Near Term Procedural	
	cements, 1998 – 2002	65
	nment/Industry Operational Concept for the Evolution of Free Flight,	03
	dum 1: Free Flight Phase 1 Limited Deployment of Select Capabilities (URET, TMA (SC),	6E
•	C, CPDLC, CDM, SMA)	65 65
	light Action Plan	65
	light Action Plan Update 1	66
Free Fi	light Action Plan Update 2	66
	Force Reports	66
	Report of the RTCA Task Force 4 Certification	66
	Report of RTCA Task Force 3 Free Flight Implementation	67
	Task Force 3 Interim Report on Free Flight Implementation	67
	of the RTCA Board of Directors' Select Committee on Free Flight	68
	Task Force 1 Report on Global Navigation Satellite System (GNSS) Transition	
	plementation Strategy	68
RTCA	Task Force 2 Report on the Transition to Digital Communications	69
Other I	RTCA Publications	69
	le Hand-Held GPS Receivers-What You Should Know	69
	thority of Agreement—A History of RTCA	69
1110710	ationly of rigidomone in the fact of the f	00
Procee	edings of RTCA Annual Symposia	70
2002	The New Aviation Environment-Safety, Security and Efficiency	70
2002	ATC Modernization - Achieving New Operational Capabilities	70
2000	(and it's more than equipment)	70
1999	Modernization: Aviation's Challenge and Opportunity for the New Millennium	70
1998	Operations, Certification, & Standards: Cornerstones for the Future	70
1997	Free Flight - New Concepts, A New Architecture, New Opportunities -	70
1991	•	70
1006	NOT AVAILABLE	70 70
1996	Working Together to Deliver Free Flight	70
1995	International Cooperation and Standards—Keys to Enhancing the Capacity,	70
	Efficiency, and Safety of	70
	Air Transportation	70
1004	Implementing Air Troffic Management through Covers and the death. Destinant has	
1994	Implementing Air Traffic Management through Government/Industry Partnerships—	70
1000	Accomplishments, Challenges, and Opportunities	70 70
1993	Implementing Air Traffic Management—A Systems Approach for the 21st Century	70

Topical Index	71
AERONAUTICAL DATA	71
AERONAUTICAL TELECOMMUNICATION NETWORK	71
AIRBORNE GROUND PROXIMITY WARNING EQUIPMENT	71
AIRPORT APPLICABLE DOCUMENTS	71
AIR TRAFFIC SERVICES	72
AREA NAVIGATION EQUIPMENT (AIRBORNE)	72
AUTOMATIC DIRECTION FINDING EQUIPMENT (AIRBORNE)	72
ALTIMETERS/ALTIMETRY	72
AUDIO SYSTEMS	72
AUTOMATIC DEPENDENT SURVEILLANCE	73
AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST	73
AVIONICS COMPUTER RESOURCES	73
CERTIFICATION	73
COCKPIT DISPLAY	74
COMMUNICATIONS	74
DATA LINK	76
DISPLAY OF TRAFFIC INFORMATION	76
DISTANCE MEASURING EQUIPMENT	76
DOPPLER RADAR (AIRBORNE)	76
ELECTRONIC HARDWARE	76
ELECTRONIC MAP DISPLAYS	76
EMERGENCY LOCATOR TRANSMITTERS (ELTs)	76
ENVIRONMENTAL TEST	77
FLIGHT DATA COLLECTION	77
FLIGHT INFORMATION SERVICES	77
FREE FLIGHT	78
GLOBAL POSITIONING SYSTEM (GPS)	78
GUIDANCE/REPORTS	79
HIGH FREQUENCY DATA LINK (HFDL)	80
HISTORY	81
HUMAN FACTORS	81
INSTRUMENT LANDING SYSTEM (ILS)	81
INTERFERENCE	81
LITHIUM BATTERIES	81
LORAN	81
MARKER BEACON	82
MICROWAVE LANDING SYSTEM (MLS)	82
NATIONAL AIRSPACE SYSTEM	82
NIGHT VISION IMAGING SYSTEM	82
PORTABLE ELECTRONIC DEVICES	82
PROCEEDINGS OF ANNUAL SYMPOSIA	83
RADAR	83
REQUIRED NAVIGATION PERFORMANCE (RNP)	83
SATELLITE SERVICES	84
SOFTWARE	84
TCAS	84
TEST PROCEDURES/CALIBRATION	85
TRANSPONDERS - MODE S	85
VERTICAL GUIDANCE EQUIPMENT	85
VERTIONE GOIDAINGE EQUITIVIENT	95

WEATHER DETECTION	86
-------------------	----